



# ISS/STS Ground Status @ KSC

Paul Kirkpatrick  
NASA/KSC Safety  
Ground Safety Review Panel

10/27/2009

ULF-2 LMC

20A NODE 3

ULF-5 ELC 4

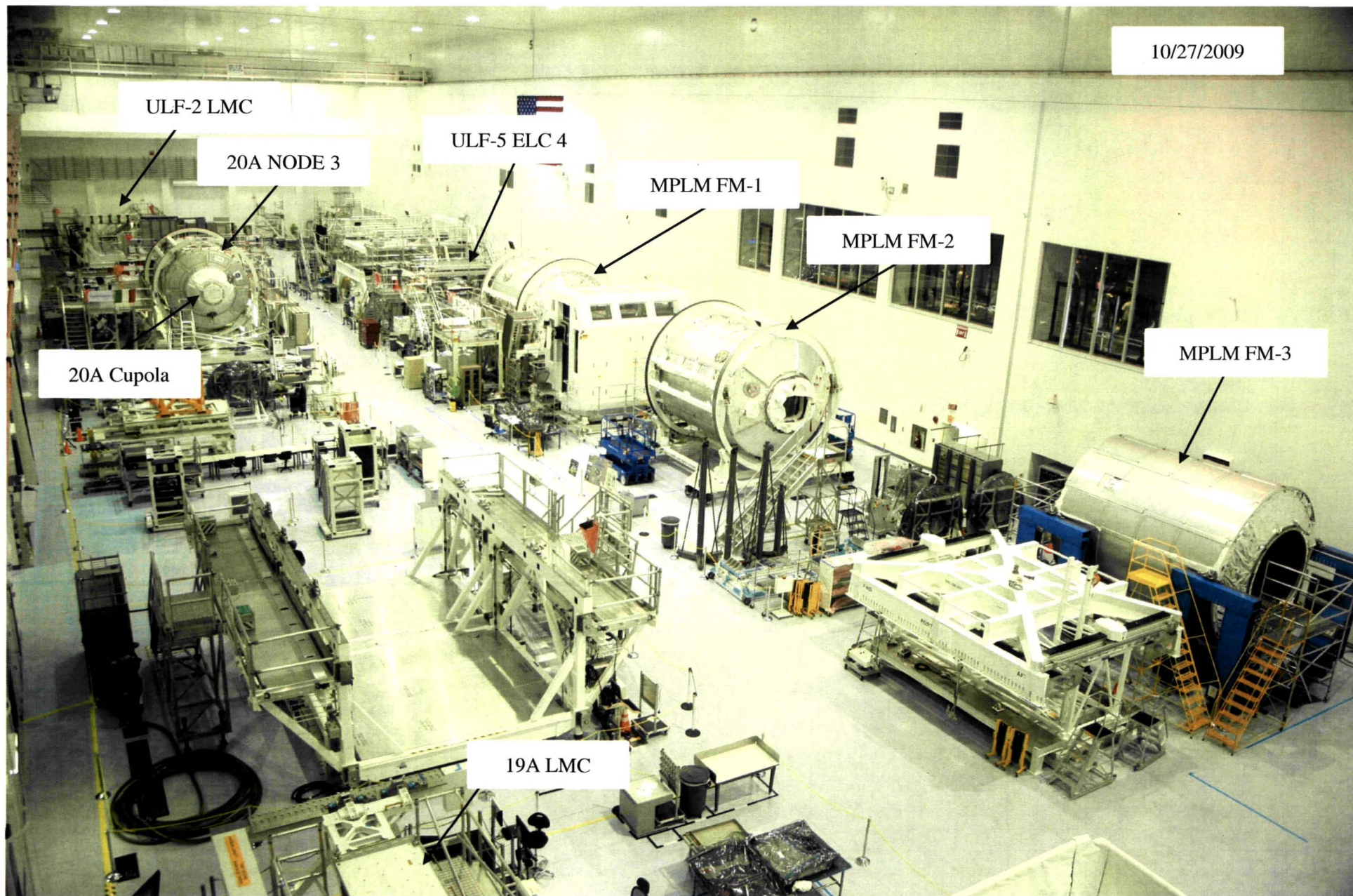
MPLM FM-1

MPLM FM-2

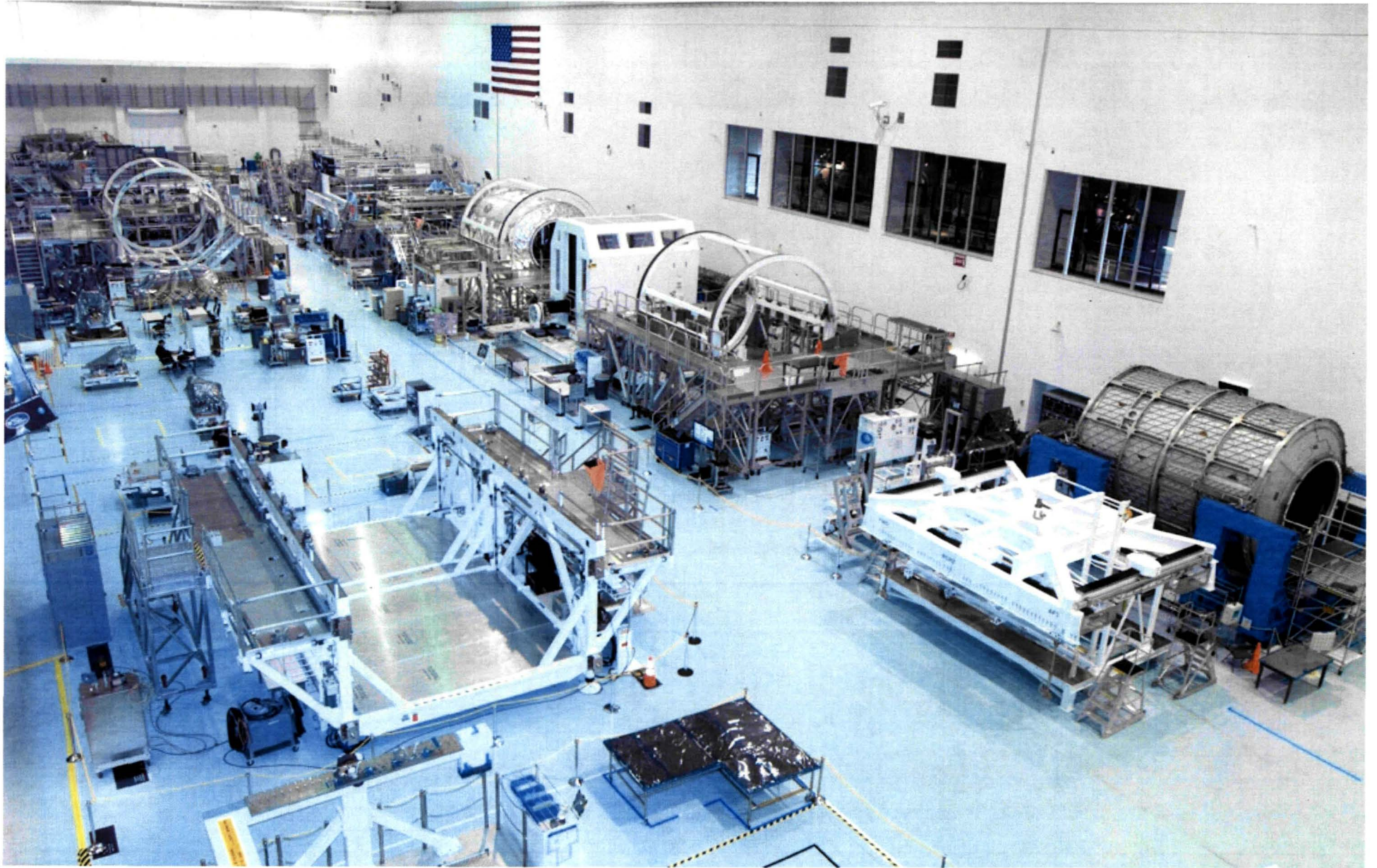
20A Cupola

MPLM FM-3

19A LMC







As of 3/25/10





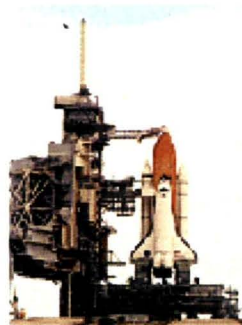
# KSC Flight Hardware Quicklook/STS Mainline Facilities

NASA: C. Ford, PH-O  
USA: R. Gillette, MFM  
Contact: S. Wierszalowski, USA 1-8701  
APR 22, 2010

## Launch Pad 39-B



## Launch Pad 39-A



STS-132 OV-104  
Launch 5-14-10  
MLP 2



Refurb/Parksite (East)  
MLP-1

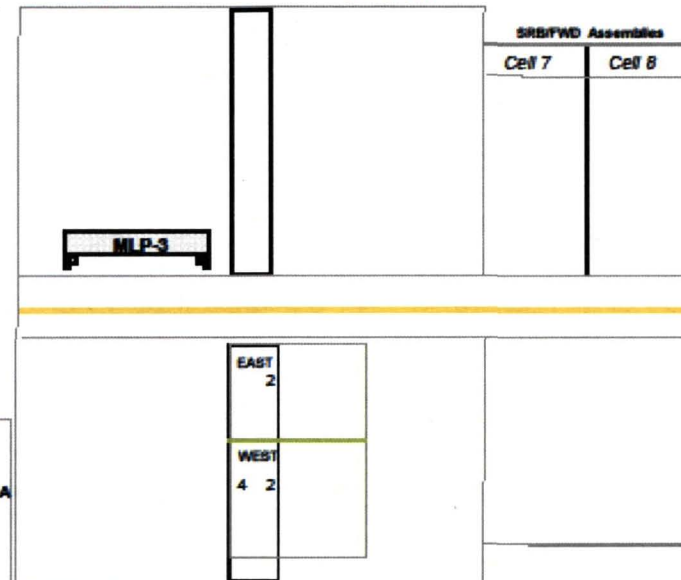


Refurb/Parksite (West)  
New MLP

## VEHICLE ASSEMBLY BUILDING

High-Bay 3

High-Bay 1



## Crawler Transporter Maintenance Bldg.

CT#1

⊙ PAD A GATE

CT#2



JAY JAY SIDING

## Legend

STS-132/OV-104 FH HW  
ET-132/ MLP-2 / VAB HB-1 / PAD A  
RSRM 111-SRB BI-143

STS-134/OV-105 FH HW  
ET-137 / MLP-3 / VAB HB-3 / PAD A  
RSRM 112-SRB BI-144

STS-133/OV-103 FH HW  
ET-138/ MLP-2 / VAB HB-1 / PAD A  
RSRM 113-SRB BI-145

⊙ Railcars

## STS Assignments

OV-103/STS-131: Discovery - OPF-3  
OV-104/STS-132: Atlantis - OPF-1  
OV-105/STS-134: Endeavor - OPF-2

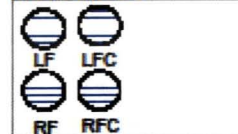
## LMF



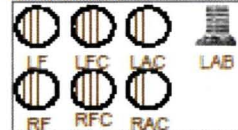
## SUSPECT SIDING



## RPSF SURGE 1



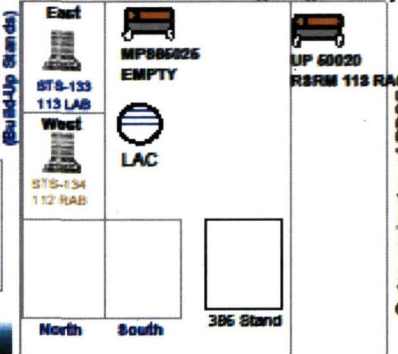
## RPSF SURGE 2



## MDO / SLF



## RPSF Rotation/Processing Surge Facility



(Inspection Stands)

## ORBITER PROCESSING FACILITIES

OPF R/I 5/26/10:

OV 104/ STS 132

Bay 1

Bay 2

OPF R/O: 6/17/10

OV 105/ STS 134

OPF R/I: 8/9/10

OV-103 / STS-133

Bay 3

## HMF

OV ASSIGNMENT/LOCATION

103	RP03	LP01	FRC3
104	RP01	LP04	FRC4
105	RP04	LP03	FRC5

Test Cell Installed Storage/E

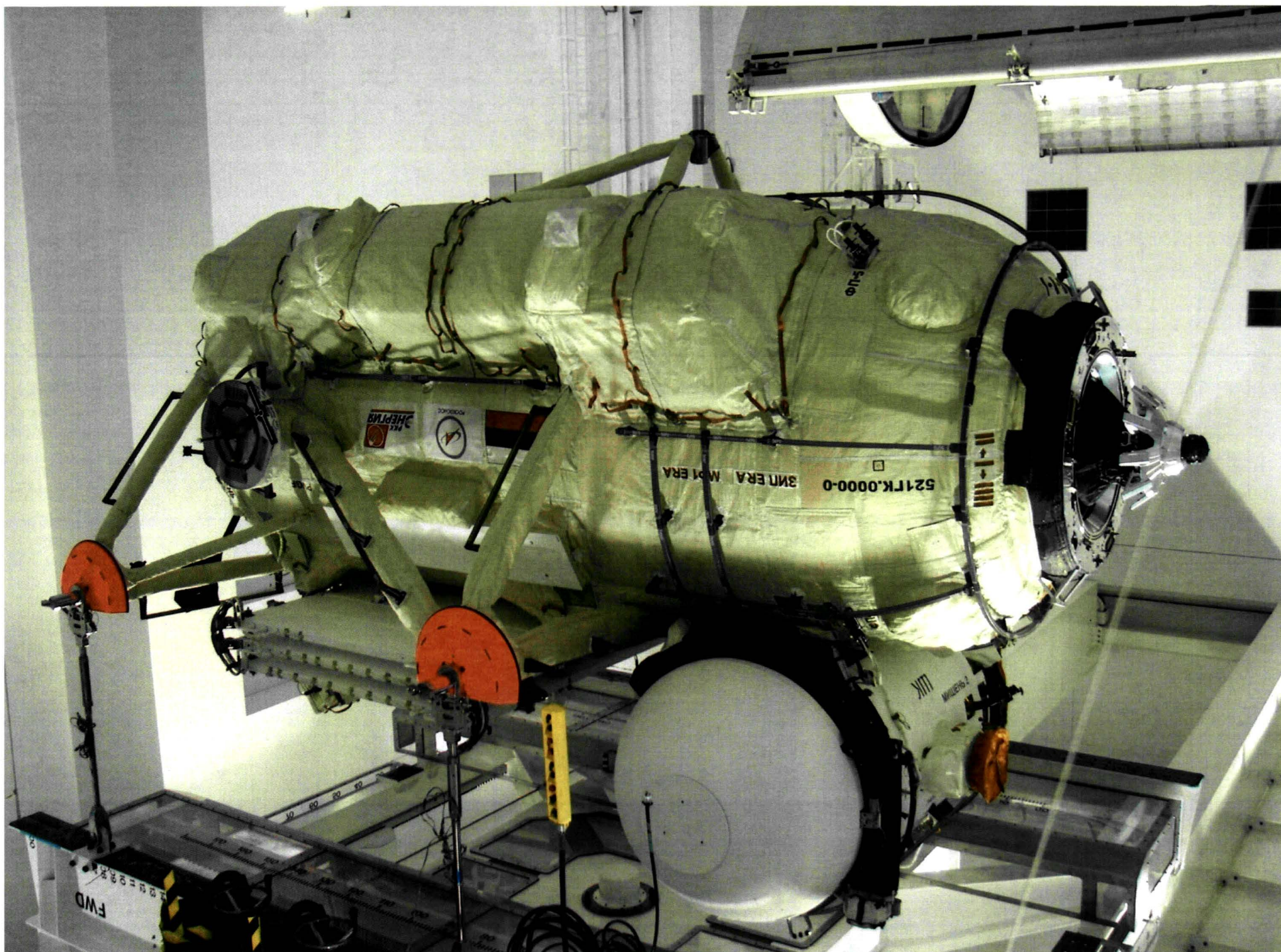


# Space Shuttle Status



- Atlantis (OV-104)
  - Location – LC-39A/On-Orbit
    - STS-132/ULF4 (MRM)
    - Nominal Landing – Wednesday, 5/26/10
  - Last Mission – STS-129/ULF3
  - Next Mission – Rescue for STS-134/Museum









# Space Shuttle Status



- Discovery (OV-103)
  - Location – OPF Bay 3
  - Last Mission – STS-131/19A
  - Next Mission – STS-133/ULF5 (PMM)
    - Rescue for STS-132
  - Scheduled Launch Date – 9/16/10
- Endeavor (OV-105)
  - Location – OPF Bay 2
  - Last Mission – STS-130/20A (Node3/Cupola)
  - Next Mission – STS-134/ULF6 (AMS)
    - Rescue for STS-133
  - Scheduled Launch Date – November 2010





# KSC Future Status